Technology Tuesday

Description

Just when you thought it was safe to figure out that ~~LCD~~ ~~OLED~~ ~~Q-Dot LCD~~ whatever display technology was settled for the next decade, now comes some smart guys at MIT who have taken some â€œbio-inspirationâ€• and come up with a â€œBrilliant Displayâ€• using a technology named â€œIMODâ€• for short or â€œinterferometric modulatorâ€• and Qualcomm is coming out with it on a cell phone.

See it in the sunlight, tooâ€¦and uses a lot less energy to make a really nice display.

From Scientific American Nov 2007 issue:

> A new technology that mimics the way nature gives bright color to butterfly wings can make cell phone displays clearly legible, even in the sunâ€™s glare
> By M. Mitchell Waldrop
> [â€¦]
> the devices do use an array of artificial microstructures to produce the same kind of iridescent colors as are seen on the wings of tropical butterflies. And Qualcomm is betting that its approach will give IMODs several advantages over todayÃ¢â‚¬â„¢s dominant liquid-crystal-display (LCD) technology.
> [â€¦]

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Something about a small gap between the display layer and a reflective surface behind manages to provide a truly remarkable display.

Soâ€¦move over OLEDs and Quantum Dot stuffâ€¦.

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